

Converting Colors

HunterLab(18.7582, 31.7319,
12.0451)

Have a look what the booklet for
HunterLab(18.7582, 31.7319,
12.0451) contains.

HunterLab(18.8006, 31.9114, 12.0529)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**HunterLab(18.8006, 31.9114,
12.0529)**

Conversions

Conversions Part 1

Format	Color
Hex	710101
RGB	113, 1, 1
RGB Percent	44%, 0%, 0%
CMY	0.5569, 0.9960, 0.9961
CMYK	0.00, 0.99, 0.99, 0.56
HSL	0°, 98%, 22%
HSV	0°, 99%, 44%
XYZ	6.8264, 3.5346, 0.3512
YIQ	34.4880, 66.7520, 23.7440

Conversions

Conversions Part 2

Format	Color
R_{YB}	113, 1, 1
Decimal	7405825
CIE Lab	22.07, 43.74, 33.03
CIE LCh	22, 54.811, 37.055
Yxy	3.5349, 0.6372, 0.3300
Android (android.graphics.Color)	4285595905 (0xFF710101)
YUV	34.4880, -16.5096, 68.8550
Hunter-Lab	18.8006, 31.9114, 12.0529

Details

The HunterLab color **18.8006, 31.9114, 12.0529** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **36.0643, -19.0771, -3.7952**, and the grayscale version is **12.8398, -0.6851, 0.6976**.

A 20% lighter version of the original color is **35.3990, 35.3916, 17.9279**, and **9.3384, 16.0157, 5.8523** is the 20% darker color. If you saturate the color by 10%, you get **18.7375, 32.0851, 12.1077**, and if you desaturate by 10%, it is **19.5154, 29.9977, 11.4642**.

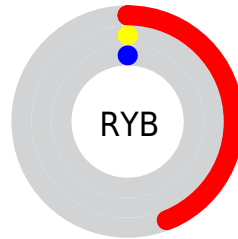
Distribution



Red (44%)

Green (0%)

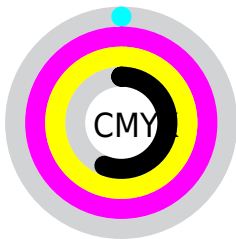
Blue (0%)



Red (44%)

Yellow (0%)

Blue (0%)

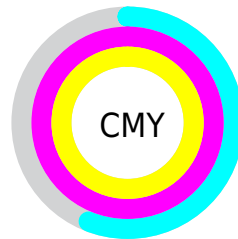


Cyan (0%)

Magenta (99%)

Yellow (99%)

Black (56%)



Cyan (56%)

Magenta (100%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.8006, 31.9114, 12.0529 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 18.8006, 31.9114, 12.0529 by changing the saturation by 10% instead.

■ 18.8006, 31.9114,
12.0529

■ 18.8006, 31.9114,
12.0529

■ 116.0069, 44.3964,
35.1438

■ 11.9035, 30.1416,
8.3324

■ 35.4193, 35.4396,
17.9127

■ 4.7870, 42.6413,
3.3509

■ 44.9517, 37.0470,
20.6986

0.0000, INF, NaN

0.0000, NaN, NaN

■ 55.2126, 38.5348,
23.3316

0.0000, NaN, NaN

■ 66.1537, 39.9078,
25.8463

0.0000, NaN, NaN

■ 77.7350, 41.1731,
28.2682


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 89.9229, 42.3382,


30.6160


0.0000, NaN, NaN


 102.6885, 43.4105,
32.9042


 18.8006, 31.9114,
12.0529


 18.8006, 31.9114,
12.0529


 18.7375, 32.0851,
12.1077

 19.5154, 29.9977,
11.4642

 20.5238, 27.4807,
10.6939

 21.9730, 24.1822,
9.6933

 23.8323, 20.4011,
8.5604

 26.0532, 16.4075,
7.3822

■ 28.5835, 12.3908,
6.2186

■ 31.3750, 8.4603,
5.1025

■ 34.3863, 4.6665,
4.0481

■ 37.5835, 1.0239,
3.0577

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



18.8012, 42.3949, 4.3878



18.8006, 31.9114, 12.0529



18.8012, 13.1501, 13.1608

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



18.8012, 31.9089, 12.0532



18.8012, -22.3132, 9.4371



18.8012, 3.0846, -61.0685

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



18.8006, 31.9114, 12.0529



36.0643, -19.0771, -3.7952

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



18.8012, -11.9131, -54.0277



18.8006, 31.9114, 12.0529



18.8012, -23.3723, -3.1070

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



18.8012, 31.9089, 12.0532



18.8012, -16.6482, 13.1608



18.8012, -20.3175, -28.0642



18.8012, 22.3930, -43.0064

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



18.8006, 31.9114, 12.0529



18.8012, 0.6666, 13.1608



18.8012, -20.3175, -28.0642



18.8012, -2.6186, -61.7058

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



18.8012, 31.9089, 12.0532



41.3324, 12.1975, 7.0747



21.7363, 42.4521, -28.4770



19.2907, 6.6747, 3.6311



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



18.8012, 31.9089, 12.0532



25.0737, 42.9361, 16.2020



25.3755, 13.8276, 15.8112



18.4433, 0.4807, 1.4932



19.9565, 34.1727, 12.8954



44.5403, 76.2735, 28.7808

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



36.0643, -19.0771, -3.7952



48.2480, -25.5755, -5.0956



20.3100, 3.6226, -33.0281



19.5324, -2.4253, 0.5975



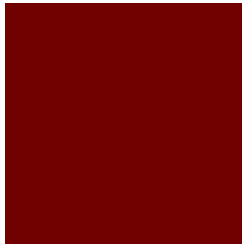
38.4010, -20.3558, -4.0555



85.7072, -45.4319, -9.0521

Previews

White Background



This preview shows how the HunterLab color 18.8006, 31.9114, 12.0529 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

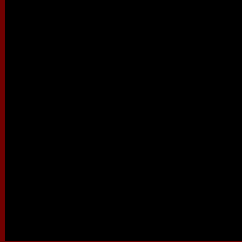
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 18.8006, 31.9114, 12.0529 Background



This preview shows how black text looks on a background with the HunterLab color 18.8006, 31.9114, 12.0529.



This preview shows how white text looks on a background with the HunterLab color 18.8006, 31.9114,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

18.8006, 31.9114, 12.0529

Protanopia

20.1264, -2.7281, 11.0227

Tritanopia

19.1359, 29.8553, 12.3141

Trichromacy



Original Color

18.8006, 31.9114, 12.0529

Protanomaly

17.7169, 11.2709, 10.1534

Tritanomaly

18.9650, 30.4188, 12.2187

Monochromacy



Original Color

18.8006, 31.9114, 12.0529

Achromatopsia

12.6476, -0.6748, 0.6872

Achromatomaly

12.9943, 11.3497, 4.7423

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.8006, 31.9114, 12.0529 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(113, 1, 1)` looks like.

```
.text, #text, p{  
    color:rgb(113, 1, 1)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(113, 1, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 1, 1) }
```

Border

The CSS property to change the border of an element to HunterLab 18.8006, 31.9114, 12.0529 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(113, 1, 1) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(113, 1, 1) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(113, 1, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 1, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(113, 1, 1); box-shadow:4px  
4px 4px 4px rgb(113, 1, 1) }
```


Background

The CSS property to change the background color of an element to HunterLab 18.8006, 31.9114, 12.0529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 1, 1) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(113, 1,  
1) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor